

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pHAGE-EFS-MCP-HALOnIs

RRID:Addgene_121937

Type: Plasmid

Proper Citation

RRID:Addgene_121937

Plasmid Information

URL: <http://www.addgene.org/121937>

Proper Citation: RRID:Addgene_121937

Insert Name: MCP-HALOnIs

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30377374](#)

Vector Backbone Description: Backbone Size:6143; Vector Backbone:pHAGE-EFS; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pHAGE-EFS-MCP-HALOnIs

Record Creation Time: 20220422T221638+0000

Record Last Update: 20260815T080340+0000

Ratings and Alerts

No rating or validation information has been found for pHAGE-EFS-MCP-HALOnIs.

No alerts have been found for pHAGE-EFS-MCP-HALOnIs.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Viushkov VS, et al. (2025) The Influence of Cohesin on the Short-Scale Dynamics of Intact and Damaged Chromatin in Different Phases of the Cell Cycle. *International journal of molecular sciences*, 26(18).

Wang M, et al. (2025) Recruitment and rejoining of remote double-strand DNA breaks for enhanced and precise chromosome editing. *Genome biology*, 26(1), 53.

Choi G, et al. (2024) Novel Estrogen Receptor Dimerization BRET-Based Biosensors for Screening Estrogenic Endocrine-Disrupting Chemicals. *Biomaterials research*, 28, 0010.

Köhler AR, et al. (2024) Modular dual-color BiAD sensors for locus-specific readout of epigenome modifications in single cells. *Cell reports methods*, 4(4), 100739.

Viushkov VS, et al. (2024) A Comparison of Two Versions of the CRISPR-Sirius System for the Live-Cell Visualization of the Borders of Topologically Associating Domains. *Cells*, 13(17).

Pujadas Liwag EM, et al. (2024) Depletion of lamins B1 and B2 promotes chromatin mobility and induces differential gene expression by a mesoscale-motion-dependent mechanism. *Genome biology*, 25(1), 77.

Shim AR, et al. (2024) Formamide denaturation of double-stranded DNA for fluorescence in situ hybridization (FISH) distorts nanoscale chromatin structure. *PloS one*, 19(5), e0301000.

Chung YC, et al. (2023) Single-chromosome dynamics reveals locus-dependent dynamics and chromosome territory orientation. *Journal of cell science*, 136(4).

Lyu XY, et al. (2022) CRISPR FISHer enables high-sensitivity imaging of nonrepetitive DNA in living cells through phase separation-mediated signal amplification. *Cell research*, 32(11), 969.